Jose Vazquez-Prado

List of Publications by Year
in descending order

61 papers	2,664 citations	201674 27 h-index	189892 50 g-index
61 all docs	61 docs citations	61 times ranked	3531 citing authors

#	Article	IF	Citations
1	GÎ²Î³ mediates activation of Rho guanine nucleotide exchange factor ARHGEF17 that promotes metastatic lung cancer progression. Journal of Biological Chemistry, 2022, 298, 101440.	3.4	8
2	Calcium sensing receptor stimulates breast cancer cell migration via the GÎ²Î³-AKT-mTORC2 signaling pathway. Journal of Cell Communication and Signaling, 2022, 16, 239-252.	3.4	7
3	GÎ²Î³ recruits and activates P-Rex1 via two independent binding interfaces. Biochemical and Biophysical Research Communications, 2021, 539, 20-27.	2.1	4
4	The calcium sensing receptor (CaSR) promotes Rab27B expression and activity to control secretion in breast cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119026.	4.1	7
5	GÎ±s directly drives PDZ-RhoGEF signaling to Cdc42. Journal of Biological Chemistry, 2020, 295, 16920-16928.	3.4	15
6	Endothelial cell sprouting driven by RhoJ directly activated by a membrane-anchored Intersectin 1 (ITSN1) RhoGEF module. Biochemical and Biophysical Research Communications, 2020, 524, 109-116.	2.1	5
7	cAMP-dependent activation of the Rac guanine exchange factor P-REX1 by type I protein kinase A (PKA) regulatory subunits. Journal of Biological Chemistry, 2019, 294, 2232-2246.	3.4	17
8	Direct targeting of GÎ± _q and GÎ± ₁₁ oncoproteins in cancer cells. Science Signaling, 2019, 12, .	3.6	84
9	GÎ²Î³ signaling to the chemotactic effector P-REX1 and mammalian cell migration is directly regulated by GÎ±q and GÎ±13 proteins. Journal of Biological Chemistry, 2019, 294, 531-546.	3.4	27
10	Protumoral bone marrow-derived cells migrate via GÎ²Î³-dependent signaling pathways and exhibit a complex repertoire of RhoGEFs. Journal of Cell Communication and Signaling, 2019, 13, 179-191.	3.4	11
11	VPS28, an ESCRT-I protein, regulates mitotic spindle organization via GÎ²Î³, EG5 and TPX2. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1012-1022.	4.1	5
12	Calcium sensing receptor activates the NLRP3 inflammasome via a chaperone-assisted degradative pathway involving Hsp70 and LC3-II. Biochemical and Biophysical Research Communications, 2018, 505, 1121-1127.	2.1	15
13	Zonula occludens-2 regulates Rho proteins activity and the development of epithelial cytoarchitecture and barrier function. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1714-1733.	4.1	37
14	Cell adhesion controlled by adhesion G proteinâ€“coupled receptor GPR124/ADGRA2 is mediated by a protein complex comprising intersectins and Elmoâ€“Dock. Journal of Biological Chemistry, 2017, 292, 12178-12191.	3.4	24
15	Protein Kinase A (PKA) Type I Interacts with P-Rex1, a Rac Guanine Nucleotide Exchange Factor. Journal of Biological Chemistry, 2016, 291, 6182-6199.	3.4	32
16	Calcium-sensing-receptor (CaSR) controls IL-6 secretion in metastatic breast cancer MDA-MB-231Âcells by a dual mechanism revealed by agonist and inverse-agonist modulators. Molecular and Cellular Endocrinology, 2016, 436, 159-168.	3.2	19
17	GÎ²Î³ Pathways in Cell Polarity and Migration Linked to Oncogenic GPCR Signaling: Potential Relevance in Tumor Microenvironment. Molecular Pharmacology, 2016, 90, 573-586.	2.3	33
18	Pro-adhesive phenotype of normal endothelial cells responding to metastatic breast cancer cell conditioned medium is linked to NFÎºB-mediated transcriptomic regulation. International Journal of Oncology, 2016, 49, 2173-2185.	3.3	5

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19	Endothelial RhoGEFs: A systematic analysis of their expression profiles in VEGF-stimulated and tumor endothelial cells. Vascular Pharmacology, 2015, 74, 60-72.	2.1	43
20	Chemotactic and proangiogenic role of calcium sensing receptor is linked to secretion of multiple cytokines and growth factors in breast cancer MDA-MB-231 cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 166-182.	4.1	37
21	GÎ²Î³ interacts with mTOR and promotes its activation. Biochemical and Biophysical Research Communications, 2014, 444, 218-223.	2.1	18
22	The emerging mutational landscape of G proteins and G-protein-coupled receptors in cancer. Nature Reviews Cancer, 2013, 13, 412-424.	28.4	462
23	Calcium-sensing receptor inhibits TGF-Î²-signaling by decreasing Smad2 phosphorylation. IUBMB Life, 2013, 65, 1035-1042.	3.4	11
24	Interferon gamma induces actin polymerization, Rac1 activation and down regulates phagocytosis in human monocytic cells. Cytokine, 2012, 57, 158-168.	3.2	23
25	The signal transduction branch of the Mexican Society of Biochemistry. IUBMB Life, 2011, 63, 795-796.	3.4	1
26	mTORC1â€•and mTORC2â€•interacting proteins keep their multifunctional partners focused. IUBMB Life, 2011, 63, 896-914.	3.4	71
27	Introduction to special IUBMB life issue in celebration of cell signaling networks, 13th IUBMB Conference, 1st PABMB Conference and 3rd meeting of the signal transduction and oxidative stress branches of sociedad Mexicana de BioquÃmica, to be held at MÃ©ri. IUBMB Life, 2011, 63, 783-783.	3.4	0
28	Regulation of mTORC1 Complex Assembly and Signaling by GRp58/ERp57. Molecular and Cellular Biology, 2011, 31, 1657-1671.	2.3	52
29	Phosphatidylinositol 3,4,5-Triphosphate-Dependent Rac Exchanger 1 (P-Rex-1), a Guanine Nucleotide Exchange Factor for Rac, Mediates Angiogenic Responses to Stromal Cell-Derived Factor-1/Chemokine Stromal Cell Derived Factor-1 (SDF-1/CXCL-12) Linked to Rac Activation, Endothelial Cell Migration, and in Vitro Angiogenesis. Molecular Pharmacology, 2010, 77, 435-442.	2.3	58
30	Sphingosine-1-phosphate receptor S1P1 is regulated by direct interactions with P-Rex1, a Rac guanine nucleotide exchange factor. Biochemical and Biophysical Research Communications, 2010, 391, 1647-1652.	2.1	23
31	Differential Inhibitor of GÎ²Î³ Signaling to AKT and ERK Derived from Phosducin-like Protein. Journal of Biological Chemistry, 2009, 284, 18334-18346.	3.4	14
32	G Protein-coupled Receptor-promoted Trafficking of GÎ²₁Î³₂Leads to AKT Activation at Endosomes via a Mechanism Mediated by GÎ²₁Î³₂-Rab11a Interaction. Molecular Biology of the Cell, 2008, 19, 4188-4200.	2.1	68
33	Calcium-Sensing Receptor Endocytosis Links Extracellular Calcium Signaling to Parathyroid Hormone-Related Peptide Secretion via a Rab11a-Dependent and AMSH-Sensitive Mechanism. Molecular Endocrinology, 2007, 21, 1394-1407.	3.7	39
34	P-Rex1 Links Mammalian Target of Rapamycin Signaling to Rac Activation and Cell Migration. Journal of Biological Chemistry, 2007, 282, 23708-23715.	3.4	148
35	AMSH regulates calcium-sensing receptor signaling through direct interactions. Biochemical and Biophysical Research Communications, 2006, 347, 924-930.	2.1	22
36	Modular Architecture and Novel Proteinâ€“Protein Interactions Regulating the RGS-Containing Rho Guanine Nucleotide Exchange Factors. Methods in Enzymology, 2004, 390, 259-285.	1.0	21

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37	Chimeric GÎ±i2/GÎ±13 Proteins Reveal the Structural Requirements for the Binding and Activation of the RGS-like (RGL)-containing Rho Guanine Nucleotide Exchange Factors (GEFs) by Gï±13. Journal of Biological Chemistry, 2004, 279, 54283-54290.	3.4	21
38	P-REX2, a novel PI-3-kinase sensitive Rac exchange factor. FEBS Letters, 2004, 572, 167-171.	2.8	84
39	Direct Interaction of p21-Activated Kinase 4 with PDZ-RhoGEF, a G Protein-linked Rho Guanine Exchange Factor. Journal of Biological Chemistry, 2004, 279, 6182-6189.	3.4	61
40	G protein-coupled receptor cross-talk: pivotal roles of protein phosphorylation and protein?protein interactions. Cellular Signalling, 2003, 15, 549-557.	3.6	80
41	Plexin B Regulates Rho through the Guanine Nucleotide Exchange Factors Leukemia-associated Rho GEF (LARG) and PDZ-RhoGEF. Journal of Biological Chemistry, 2002, 277, 43115-43120.	3.4	196
42	Potent Activation of RhoA by Gï±q and Gq-coupled Receptors. Journal of Biological Chemistry, 2002, 277, 27130-27134.	3.4	149
43	Cross-talk between receptors with intrinsic tyrosine kinase activity and Î±1b-adrenoceptors. Biochemical Journal, 2000, 350, 413.	3.7	27
44	Cross-talk between receptors with intrinsic tyrosine kinase activity and Î±1b-adrenoceptors. Biochemical Journal, 2000, 350, 413-419.	3.7	35
45	Regulation of the human bradykinin B2 receptor expressed in sf21 insect cells: A possible role for tyrosine kinases. , 2000, 76, 658-673.		15
46	Protein phosphatase-protein kinase interplay modulates Î±1b -adrenoceptor phosphorylation: effects of okadaic acid. British Journal of Pharmacology, 2000, 129, 724-730.	5.4	21
47	Î±1-Adrenoceptors: function and phosphorylation. European Journal of Pharmacology, 2000, 389, 1-12.	3.5	119
48	Norepinephrine- and Phorbol Ester-induced Phosphorylation of Î±1a-Adrenergic Receptors. Journal of Biological Chemistry, 2000, 275, 6553-6559.	3.4	56
49	Intracellular Calcium and Î±1b-Adrenoceptor Phosphorylation. Archives of Medical Research, 1999, 30, 353-357.	3.3	1
50	Î±1-Adrenoceptors. Archives of Medical Research, 1999, 30, 449-458.	3.3	91
51	Protein kinase C-mediated phosphorylation and desensitization of human Î±1b-adrenoceptors. European Journal of Pharmacology, 1999, 385, 263-271.	3.5	12
52	Crosstalk: phosphorylation of Î±1b-adrenoceptors induced through activation of bradykinin B2 receptors. FEBS Letters, 1998, 422, 141-145.	2.8	28
53	Î±1-Adrenoceptor subtype activation increases proto-oncogene mRNA levels. Role of protein kinase C. European Journal of Pharmacology, 1998, 342, 311-317.	3.5	18
54	Fibronectinâ€Derived Fragments as Inducers of Adhesion and Chemotaxis ofEntamoeba histolyticaTrophozoites. Journal of Infectious Diseases, 1997, 176, 1597-1602.	4.0	35

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55	Activation of Endothelin ETA Receptors Induces Phosphorylation of Î±1b-Adrenoreceptors in Rat-1 Fibroblasts. Journal of Biological Chemistry, 1997, 272, 27330-27337.	3.4	61
56	Chloroethylclonidine is a partial Î±1A-adrenoceptor agonist in cells expressing recombinant Î±1-adrenoceptor subtypes. Life Sciences, 1997, 61, PL391-PL395.	4.3	9
57	Characterization of adhesion plates induced by the interaction ofEntamoeba histolyticatrophozoites with fibronectin. Cytoskeleton, 1995, 32, 37-45.	4.4	54
58	A modified spectrophotometric assay for porphobilinogen deaminase: its application in the detection of both carriers and patients with acute intermittent porphyria. Journal of Inherited Metabolic Disease, 1995, 18, 66-71.	3.6	2
59	Presence of serum antibodies to coagulation protein C in patients with systemic lupus erythematosus is not associated with antigenic or functional protein c deficiencies. American Journal of Hematology, 1993, 44, 58-59.	4.1	20
60	RGS-RhoGEFs and other RGS multidomain proteins as effector molecules in GPCR-dependent and GPCR-independent cell signaling. , 0, , 159-188.		1
61	P-Rex1 Signaling Hub in Lower Grade Glioma Patients, Found by In Silico Data Mining, Correlates With Reduced Survival and Augmented Immune Tumor Microenvironment. Frontiers in Oncology, 0, 12, .	2.8	2